IN THE CLAIMS:

 (Currently Amended) A surface acoustic wave filter comprising series-arm resonators and parallel-arm resonators that are connected in a ladder-like fashion,

the surface acoustic wave filter satisfying conditions expressed as:

$$1 \times 10^6 \le 4 \pi^2 f_0^2 R^2 Cop Cos \le 3.1 \times 10^6$$

where Cop (pF) is an electrostatic capacitance of the parallel-arm resonators, Cos (pF) is an electrostatic capacitance of the series-arm resonators, f₀ (GHz) is a center frequency, and R is a nominal impedance,

wherein the center frequency fo is in the 5 GHz band.

 (Currently Amended) A surface acoustic wave filter comprising series-arm resonators and parallel-arm resonators that are connected in a ladder-like fashion,

the surface acoustic wave filter satisfying conditions expressed as:

$$1.3 \times 10^6 \le 4 \pi^2 f_0^2 R^2 Cop Cos \le 3.1 \times 10^6$$

where Cop (pF) is an electrostatic capacitance of the parallel-arm resonators, Cos (pF) is an electrostatic capacitance of the series-arm resonators, f_0 (GHz) is a center frequency, and R is a nominal impedance,

wherein the center frequency f_0 is in the 5 GHz band.

 (Currently Amended) A surface acoustic wave filter comprising series-arm resonators and parallel-arm resonators that are connected in a ladder-like fashion,

the surface acoustic wave filter satisfying conditions expressed as:

$$1.6 \times 10^6 \le 4 \pi^2 f_0^2 R^2 Cop Cos \le 2.9 \times 10^6$$

where Cop (pF) is an electrostatic capacitance of the parallel-arm resonators, Cos (pF) is an electrostatic capacitance of the series-arm resonators, f_0 (GHz) is a center frequency, and R is a nominal impedance.

- 4. (Original) The surface acoustic wave filter as claimed in claim 1, wherein the ratio Cop/Cos of the electrostatic capacitance Cop to the electrostatic capacitance Cos is 0.5.
- 5. (Original) The surface acoustic wave filter as claimed in claim 1, wherein at least comb-like electrodes in the series-arm resonators and the parallel-arm resonators are covered with a dielectric film.

6. (Canceled)

7. (Original) The surface acoustic wave filter as claimed in claim 1, wherein the series-arm resonators and the parallel-arm resonators are connected to form a four-stage structure.

- 8. (Canceled)
- 9. (Canceled)
- 10. (Currently Amended) A filter device comprising:

a surface acoustic wave filter[[:]]; and

a package to which the surface acoustic wave filter is mounted by a wire bonding technique,

the surface acoustic wave filter including series-arm resonators and parallel-arm resonators that are connected in a ladder-like fashion,

the surface acoustic wave filter satisfying conditions expressed as:

$$1.6 \times 10^6 \le 4 \pi^2 f_0^2 R^2 Cop Cos \le 2.9 \times 10^6$$

where Cop (pF) is an electrostatic capacitance of the parallel-arm resonators, Cos (pF) is an electrostatic capacitance of the series-arm resonators, f₀ (GHz) is a center frequency, and R is a nominal impedance,

the package having a signal terminal connected to signal electrodes of the surface acoustic wave filter with one bonding wire, and

the bonding wire having an inductance Li (nH) that satisfies conditions expressed as:

$$0.7 \le Li \le 1.3$$
.

11. (Currently Amended) A filter device comprising:

a surface acoustic wave filter[[:]]; and

a package to which the surface acoustic wave filter is flip-chip mounted,

the surface acoustic wave filter including series-arm resonators and parallel-arm resonators that are connected in a ladder-like fashion,

the surface acoustic wave filter satisfying conditions expressed as:

$$1 \times 10^6 \le 4 \pi^2 f_0^2 R^2 Cop Cos \le 3.1 \times 10^6$$

where Cop (pF) is an electrostatic capacitance of the parallel-arm resonators, Cos (pF) is an electrostatic capacitance of the series-arm resonators, f_0 (GHz) is a center frequency, and R is a nominal impedance,

the package having a signal line formed by a microstrip line, and

the microstrip line having an inductance Li (nH) that satisfies conditions expressed as:

$$0.7 \le Li \le 1.3$$
.

12. (Currently Amended) A filter device comprising:

a surface acoustic wave filter[[:]]; and

a package to which the surface acoustic wave filter is flip-chip mounted,

the surface acoustic wave filter including series-arm resonators and parallel-arm resonators that are connected in a ladder-like fashion,

the surface acoustic wave filter satisfying conditions expressed as:

$$1.3 \times 10^6 \le 4 \pi^2 f_0^2 R^2 Cop Cos \le 3.1 \times 10^6$$

where Cop (pF) is an electrostatic capacitance of the parallel-arm resonators, Cos (pF) is an electrostatic capacitance of the series-arm resonators, f_0 (GHz) is a center frequency, and R is a nominal impedance,

the package having a signal line formed by a microstrip line, and

the microstrip line having an inductance Li (nH) that satisfies conditions expressed as:

$$0.7 \le Li \le 1.3$$
.

13. (Currently Amended) A filter device comprising:

a surface acoustic wave filter[[:]]; and

a package to which the surface acoustic wave filter is flip-chip mounted,

the surface acoustic wave filter including series-arm resonators and parallel-arm resonators that are connected in a ladder-like fashion,

the surface acoustic wave filter satisfying conditions expressed as:

$$1.6 \times 10^6 \le 4 \pi^2 f_0^2 R^2 Cop Cos \le 2.9 \times 10^6$$

where Cop (pF) is an electrostatic capacitance of the parallel-arm resonators, Cos (pF) is an electrostatic capacitance of the series-arm resonators, f_0 (GHz) is a center frequency, and R is a nominal impedance,

the package having a signal line formed by a microstrip line, and

the microstrip line having an inductance Li (nH) that satisfies the conditions expressed as:

$$0.7 \le Li \le 1.3$$
.

14. (Currently Amended) A The filter device as claimed in claim 8, comprising:

a surface acoustic wave filter; and

a package to which the surface acoustic wave filter is mounted by a wire bonding technique,

the surface acoustic wave filter including series-arm resonators and parallel-arm resonators that are connected in a ladder-like fashion.

the surface acoustic wave filter satisfying conditions expressed as:

$$1 \times 10^6 \le 4 \pi^2 f_0^2 R^2 Cop Cos \le 3.1 \times 10^6$$

where Cop (pF) is an electrostatic capacitance of the parallel-arm resonators,

Cos (pF) is an electrostatic capacitance of the series-arm resonators, f₀ (GHz) is a

center frequency, and R is a nominal impedance,

the package having a signal terminal connected to signal electrodes of the surface acoustic wave filter with one bonding wire, and

the bonding wire having an inductance Li (nH) that satisfies conditions expressed as:

$$0.7 \leq Li \leq 1.3$$

wherein the ratio Cop/Cos of the electrostatic capacitance Cop to the electrostatic capacitance Cos is 0.5.

- 15. (Currently Amended) The filter device as claimed in claim 8 14, wherein at least comb-like electrodes in the series-resonators series-arm resonators and the parallel-resonators parallel-arm resonators are covered with a dielectric film.
- 16. (Currently Amended) A The filter device as claimed in claim 8, comprising:

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a surface acoustic wave filter; and

a package to which the surface acoustic wave filter is mounted by a wire bonding technique.

the surface acoustic wave filter including series-arm resonators and parallel-arm resonators that are connected in a ladder-like fashion,

the surface acoustic wave filter satisfying conditions expressed as:

$$1 \times 10^6 \le 4 \pi^2 f_0^2 R^2 Cop Cos \le 3.1 \times 10^6$$

where Cop (pF) is an electrostatic capacitance of the parallel-arm resonators,

Cos (pF) is an electrostatic capacitance of the series-arm resonators, f₀ (GHz) is a

center frequency, and R is a nominal impedance,

the package having a signal terminal connected to signal electrodes of the surface acoustic wave filter with one bonding wire, and

the bonding wire having an inductance Li (nH) that satisfies conditions expressed as:

$$0.7 \le Li \le 1.3$$

wherein the center frequency f_0 is in the 5 GHz band.

- 17. (Currently Amended) The filter device as claimed in claim 8 14, wherein the series-arm resonators and the parallel-arm resonators are connected to form a four-stage structure.
- 18. (Currently Amended) The filter device as claimed in claim 8 <u>14</u>, wherein the package is made of ceramics.